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#1 2



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RAW SEQUENCE LISTING

DATE: 07/23/2002

PATENT APPLICATION: US/09/955,639C

TIME: 14:36:38

Input Set : A:\34506115.ST25.txt

Output Set: N:\CRF3\07232002\I955639C.raw

3 <110> APPLICANT: Niles, Andrew L
 4 Haak-Frendscho, Mary
 5 Harris, Jennifer L
 6 Craik, Charles S
 8 <120> TITLE OF INVENTION: Tryptase Substrates and Assay For Tryptase Activity Using

Same

10 <130> FILE REFERENCE: 34506.115
 12 <140> CURRENT APPLICATION NUMBER: 09/955,639C
 13 <141> CURRENT FILING DATE: 2001-09-19
 15 <150> PRIOR APPLICATION NUMBER: 60/244,013
 16 <151> PRIOR FILING DATE: 2000-10-27
 18 <160> NUMBER OF SEQ ID NOS: 23
 20 <170> SOFTWARE: PatentIn version 3.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 4
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Artificial Sequence
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: Synthetic polypeptide
 30 <220> FEATURE:
 31 <221> NAME/KEY: MISC_FEATURE
 32 <222> LOCATION: (2)..(2)
 33 <223> OTHER INFORMATION: Xaa at position 2 is Arg (R) or Lysine (K)
 36 <220> FEATURE:
 37 <221> NAME/KEY: MISC_FEATURE
 38 <222> LOCATION: (3)..(3)
 39 <223> OTHER INFORMATION: Xaa at position 3 is any amino acid
 42 <220> FEATURE:
 43 <221> NAME/KEY: MISC_FEATURE
 44 <222> LOCATION: (4)..(4)
 45 <223> OTHER INFORMATION: Xaa at position 4 is Arg (R) or Lys (K)
 48 <400> SEQUENCE: 1

W--> 50 Pro Xaa Xaa Xaa

51 1
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 55 <211> LENGTH: 4
 56 <212> TYPE: PRT
 57 <213> ORGANISM: Artificial Sequence
 59 <220> FEATURE:
 60 <223> OTHER INFORMATION: Synthetic polypeptide
 62 <400> SEQUENCE: 2
 64 Pro Arg Asn Lys
 65 1
 68 <210> SEQ ID NO: 3

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70 <212> TYPE: PRT
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Synthetic polypeptide
76 <400> SEQUENCE: 3
78 Pro Lys Asn Lys
79 1
82 <210> SEQ ID NO: 4
83 <211> LENGTH: 4
84 <212> TYPE: PRT
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Synthetic polypeptide
90 <400> SEQUENCE: 4
92 Pro Arg Asn Arg
93 1
96 <210> SEQ ID NO: 5
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98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Synthetic polypeptide
104 <400> SEQUENCE: 5
106 Pro Lys Asn Arg
107 1
110 <210> SEQ ID NO: 6
111 <211> LENGTH: 4
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
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116 <223> OTHER INFORMATION: Synthetic polypeptide
118 <400> SEQUENCE: 6
120 Pro Ala Asn Lys
121 1
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132 <400> SEQUENCE: 7
134 Pro Arg Thr Lys
135 1
138 <210> SEQ ID NO: 8
139 <211> LENGTH: 4
140 <212> TYPE: PRT
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:

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154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Synthetic polypeptide
160 <400> SEQUENCE: 9
162 Thr Arg Leu Arg
163 1
166 <210> SEQ ID NO: 10
167 <211> LENGTH: 4
168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Synthetic polypeptide
174 <400> SEQUENCE: 10
176 Ser Lys Gly Arg
177 1
180 <210> SEQ ID NO: 11
181 <211> LENGTH: 4
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Synthetic polypeptide
188 <400> SEQUENCE: 11
190 Pro Asn Asp Lys
191 1
194 <210> SEQ ID NO: 12
195 <211> LENGTH: 4
196 <212> TYPE: PRT
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Synthetic polypeptide
202 <220> FEATURE:
203 <221> NAME/KEY: MOD_RES
204 <222> LOCATION: (1)..(1)
205 <223> OTHER INFORMATION: P at position 1 is modified to contain an N-terminal acetyl
group
208 <220> FEATURE:
209 <221> NAME/KEY: MOD_RES
210 <222> LOCATION: (4)..(4)
211 <223> OTHER INFORMATION: K at position 4 is modified to contain a C-terminal 7-amino-
4-car
212 bamoylmethyl-coumarin group
215 <400> SEQUENCE: 12
217 Pro Arg Asn Lys
218 1

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Input Set : A:\34506115.ST25.txt

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227 <223> OTHER INFORMATION: Synthetic polypeptide
229 <220> FEATURE:
230 <221> NAME/KEY: MOD_RES
231 <222> LOCATION: (1)..(1)
232 <223> OTHER INFORMATION: P at position 1 is modified to include an N-terminal acetyl
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235 <400> SEQUENCE: 13
237 Pro Arg Asn Lys
238 1
241 <210> SEQ ID NO: 14
242 <211> LENGTH: 4
243 <212> TYPE: PRT
244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Synthetic polypeptide
249 <220> FEATURE:
250 <221> NAME/KEY: MOD_RES
251 <222> LOCATION: (1)..(1)
252 <223> OTHER INFORMATION: P at position 1 is modified to include an N-terminal acetyl
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255 <220> FEATURE:
256 <221> NAME/KEY: MOD_RES
257 <222> LOCATION: (4)..(4)
258 <223> OTHER INFORMATION: K at position 4 is modified to include a C-terminal
chloromethyl
259 ketone group
262 <400> SEQUENCE: 14
264 Pro Arg Asn Lys
265 1
268 <210> SEQ ID NO: 15
269 <211> LENGTH: 4
270 <212> TYPE: PRT
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274 <223> OTHER INFORMATION: Synthetic polypeptide
276 <220> FEATURE:
277 <221> NAME/KEY: MOD_RES
278 <222> LOCATION: (1)..(1)
279 <223> OTHER INFORMATION: P at position 1 is modified to include an N-terminal acetyl
group
282 <220> FEATURE:
283 <221> NAME/KEY: MOD_RES
284 <222> LOCATION: (4)..(4)
285 <223> OTHER INFORMATION: K at position 4 is modified to include a C-terminal 7-amino-
4-car
286 bamoylmethyl-coumarin group
289 <400> SEQUENCE: 15
291 Pro Arg Asn Lys

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292 1

RAW SEQUENCE LISTING

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Input Set : A:\34506115.ST25.txt

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296 <211> LENGTH: 4
297 <212> TYPE: PRT
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301 <223> OTHER INFORMATION: Synthetic polypeptide
303 <220> FEATURE:
304 <221> NAME/KEY: MOD_RES
305 <222> LOCATION: (1)..(1)
306 <223> OTHER INFORMATION: P at position 1 is modified to include an N-terminal acetyl
group
309 <220> FEATURE:
310 <221> NAME/KEY: MOD_RES
311 <222> LOCATION: (4)..(4)
312 <223> OTHER INFORMATION: K at position 4 is modified to include a C-terminal 7-amino-
4-car
313      bamoylmethyl-coumarin group
316 <400> SEQUENCE: 16
318 Pro Arg Thr Lys
319 1
322 <210> SEQ ID NO: 17
323 <211> LENGTH: 4
324 <212> TYPE: PRT
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328 <223> OTHER INFORMATION: Synthetic polypeptide
330 <220> FEATURE:
331 <221> NAME/KEY: MOD_RES
332 <222> LOCATION: (1)..(1)
333 <223> OTHER INFORMATION: P at position 1 is modified to include an N-terminal acetyl
group
336 <220> FEATURE:
337 <221> NAME/KEY: MOD_RES
338 <222> LOCATION: (4)..(4)
339 <223> OTHER INFORMATION: K at position 4 is modified to include a C-terminal 7-amino-
4-car
340      bamoylmethyl-coumarin group
343 <400> SEQUENCE: 17
345 Pro Arg Asn Arg
346 1
349 <210> SEQ ID NO: 18
350 <211> LENGTH: 4
351 <212> TYPE: PRT
352 <213> ORGANISM: Artificial Sequence
354 <220> FEATURE:
355 <223> OTHER INFORMATION: Synthetic polypeptide
357 <220> FEATURE:
358 <221> NAME/KEY: MOD_RES
359 <222> LOCATION: (1)..(1)
360 <223> OTHER INFORMATION: ACETYLTATION
363 <220> FEATURE:
364 <221> NAME/KEY: MOD_RES
365 <222> LOCATION: (4)..(4)

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/23/2002
PATENT APPLICATION: US/09/955,639C TIME: 14:36:39

Input Set : A:\34506115.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,3,4

VERIFICATION SUMMARY

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Input Set : A:\34506115.ST25.txt

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L:50 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0